

**REMARKS**

Claims 7 and 8 have been amended to clarify the claims and to conform to amendments made in the parent application, U.S. Application No. 09/188,884, in the Amendment of March 2, 2000. The claims have also been amended to recite that the screening method allows one to screen for any substance that inhibits or induces interaction between a transcription coupling factor and a Smad molecule, and thus the screening method is not only for the identification of pharmaceuticals.

New claims 14-17 correspond to claims 17, 21, 22 and 23 added by the amendment of March 2, 2000, and are part of the claims of Group III of the restriction Requirement of May 23, 2000, along with original claims 7 and 8.

Support for new claims 14-17 can be found in the specification as indicated below. There is no issue of new matter.

<b><u>Claim #</u></b>	<b><u>Examples of Support in the Specification</u></b>
14	Examples 2-5 (p19-25)
15	p15-16, Example 5 (p24-25)
16	p15-16
17	p15-16

**CONCLUSION**

For the reasons set forth above, entry of the forgoing amendment and examination is respectfully requested. A favorable action is awaited.

Should the Examiner find that an interview is required to further prosecution of this application, they are invited to telephone the undersigned at their convenience.

If there are any additional fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

By: 

Lora M. Green  
Reg. No. 43,541

Dated: May 4, 2001

**CUSTOMER NO. 009629**  
**MORGAN, LEWIS & BOCKIUS**  
1800 M Street, N.W.  
Washington, D.C. 20036  
202-467-7000 ofc  
202-467-7258 fax  
JGS/ECW/LMG

**Marked up Copy As Amended**

**In the Title:**

**{A} METHOD {FOR} OF SCREENING FOR PHARMACEUTICALS {AND A METHOD FOR MOLECULAR DESIGNING SAID PHARMACEUTICALS} BY DETECTING CROSS TALK BETWEEN INTRACELLULAR SIGNALS AND INTRANUCLEAR RECEPTORS**

**In the Claims:**

7. (Amended) A method ~~{for}~~ **of screening {of pharmaceuticals comprising detecting} for a substance that inhibits or induces** interaction between a transcription coupling factor and Smad molecule **comprising the following steps:**

- a. **preparing a culture system consisting of introducing a transcription coupling factor expression vector and a Smad molecule expression vector into cultured cells and culturing said cells;**
- b. **adding a substance to be tested to said culture system; and**
- c. **measuring inhibition activity or induction activity of said substance by detecting the binding of said transcription coupling factor to said Smad molecule.**

8. (Amended) ~~{The}~~ **A method {for} of screening [pharmaceuticals] for a substance** as claimed in claim 7, ~~{characterized in that}~~ **wherein** said transcription coupling factor is CBP and/or p300.